

From: [Freeman, Kevin](#)
To: [Winiecki, Eric](#); [Fuentes, Rene](#)
Cc: [Mullen, Tom](#); [Sebesta, Lisa](#)
Subject: DOCKET NO. SDWA-10-2013-0080 / Request for Modification - Groundwater Sampling Procedure
Date: Monday, September 09, 2013 4:52:11 PM
Attachments: [image001.png](#)

Eric and Rene,

As per the Groundwater Monitoring QAPP, groundwater sampling events at the Yakima Valley Dairies will be conducted by means of a bladder pump and will include installing water and air tubing into each well. The QAPP (Appendix E – Low-Flow Groundwater Purging and Sampling) prescribes the use of Teflon tubing or Teflon-lined polyethylene tubing. Typically, Teflon tubing is used in the collection of organic constituents. Currently, ARCADIS estimates that a minimum of 4,200 feet of tubing will be required for this sampling event. Typically, polyethylene tubing is acceptable for inorganic sample collection. There is a significant price point between standard polyethylene tubing and Teflon/Teflon-lined tubing (\$1/foot Polyethylene vs. \$3/foot for Teflon lined). Given that groundwater samples for inorganics will be collected in polyethylene containers per the QAPP, ARCADIS requests to modify the Groundwater Monitoring QAPP and substitute Teflon tubing with polyethylene tubing for sampling collection. This modification request is submitted on behalf of: (1) Cow Palace, LLC; (2) D & A Dairy, LLC (also known as D&A Dairy L.L.C.), George DeRuyter & Son Dairy, L.L.C., and George & Margaret, L.L.C; and (3) Liberty Dairy LLC and its associated dairy facility H&S Bosma Dairy.

Thank you for your consideration

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